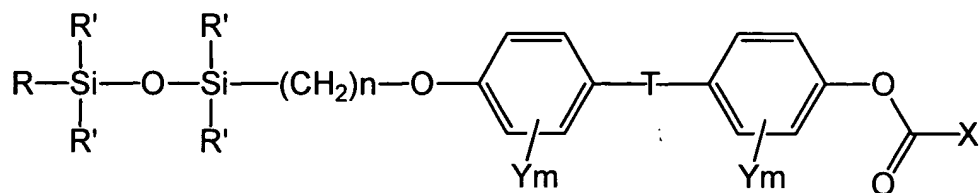


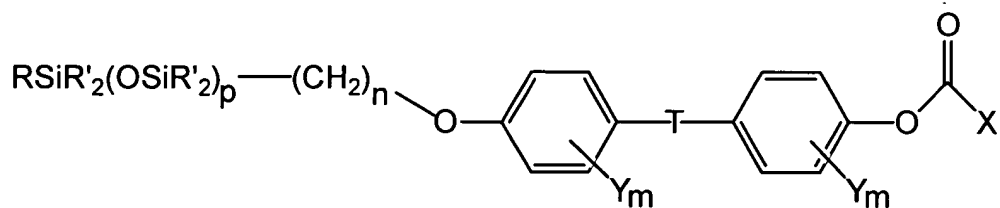
### AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

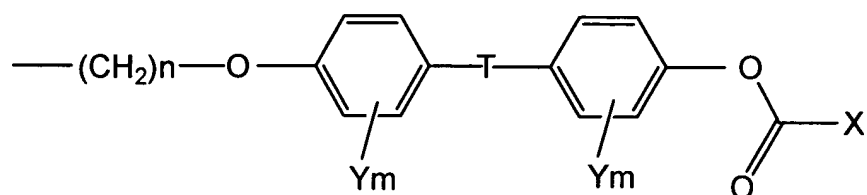
1. (Original) A bistable liquid crystal cell comprising a ferroelectric compound having a smectic C phase, arranged between alignment layers of polyamide or polyester wherein said compound has the general formula



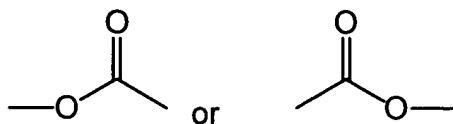
or



wherein R represents an alkyl group having from 1 to 10 carbon atoms or the group

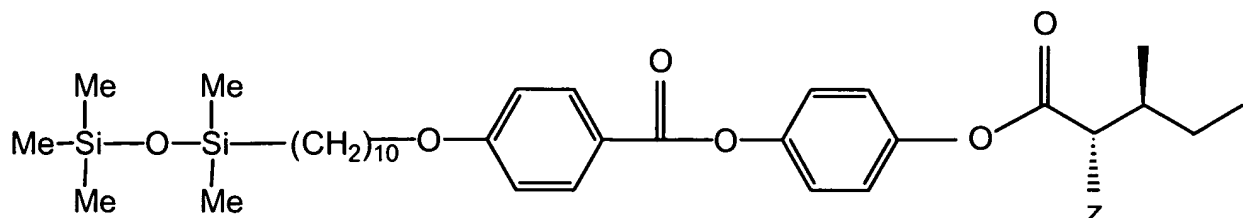


each R' represents an alkyl group having from 1 to 4 carbon atoms, T is



X represents an alkyl or halogen-substituted alkyl group having at least one chiral centre, Y represents a fluorine atom, m has a value of 0, 1 or 2, p has a value of 2, 3 or 4 and n has a value of 10, 11 or 12.

2. (Original) A cell as claimed in claim 1 wherein the compound is



wherein Z is F or Cl.

3. (Currently amended) A cell as claimed in ~~any one of claims~~ claim 1 ~~[[to 2]]~~ wherein the alignment layer is nylon-6,6 or nylon-6.

4. (Currently amended) A cell as claimed in ~~any one of claims~~ claim 1 ~~[[to 3]]~~ wherein the alignment layer is an aliphatic/aromatic polyester.

5. (Original) A cell as claimed in claim 4 wherein the alignment layer is PET (polyethyleneterephthalate) or PBT (polybutyleneterephthalate).

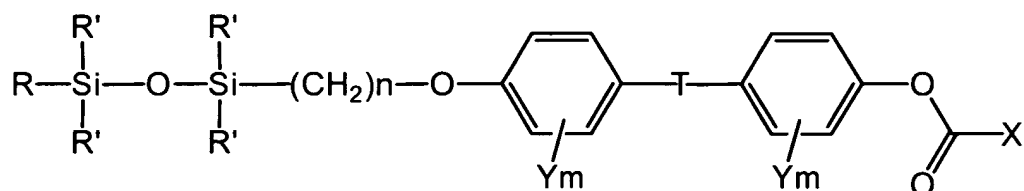
6. (Currently amended) A cell as claimed in ~~any one of claims~~ claim 1 ~~[[to 5]]~~ wherein the siloxane-comprising material is disposed between two substrates, at least one of said substrates supporting a transparent conducting film.

7. (Currently amended) A cell as claimed in ~~any preceding~~ claim 1 comprising a mesogen selected to provide a tilt angle of around 22.5 degrees.

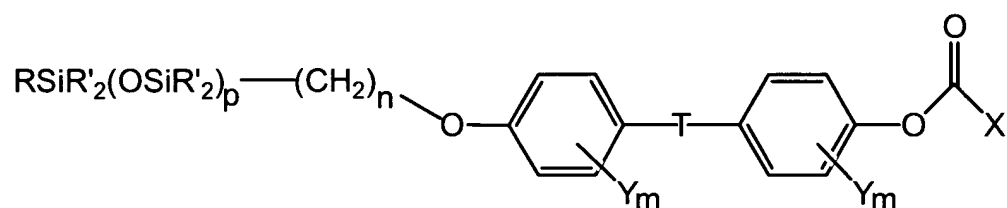
8. (Currently amended) A cell as claimed in ~~any one of claims~~ claim 1 ~~[[to 6]]~~ comprising a mesogen selected to provide a tilt angle of around 45 degrees.

9. (Currently amended) A ferroelectric liquid crystal device comprising at least one ~~cell as claimed in any one of claims 1 to 8~~ bistable liquid crystal cell comprising a

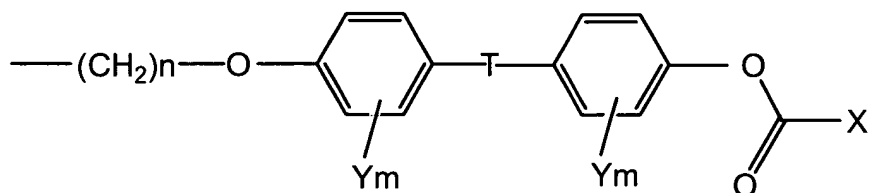
ferroelectric compound having a smectic C phase, arranged between alignment layers of polyamide or polyester wherein said compound has the general formula



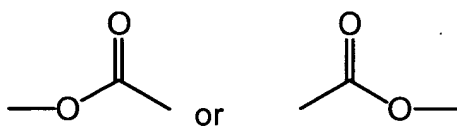
or



wherein R represents an alkyl group having from 1 to 10 carbon atoms or the group



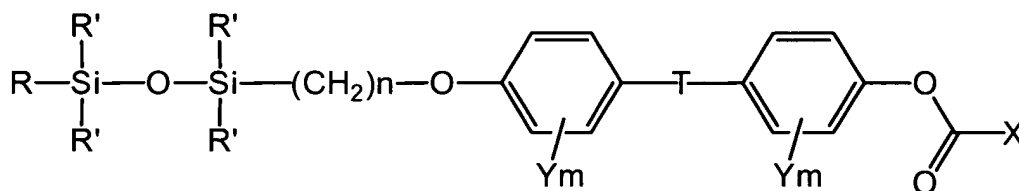
each R' represents an alkyl group having from 1 to 4 carbon atoms, T is



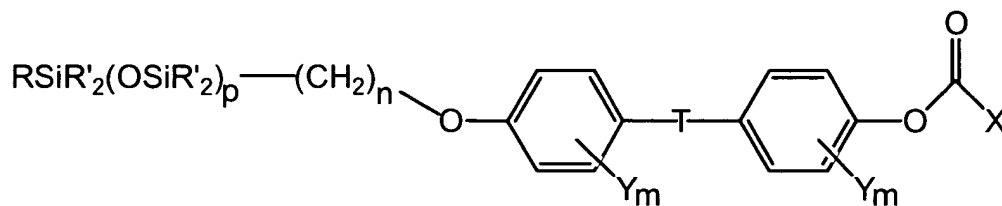
X represents an alkyl or halogen-substituted alkyl group having at least one chiral centre, Y represents a fluorine atom, m has a value of 0, 1 or 2, p has a value of 2, 3 or 4 and n has a value of 10, 11 or 12.

10. (Original) A device as claimed in claim 9, wherein said device is one of a multiplexed FLC large panel display or a liquid crystal on silicon (LCOS) device.

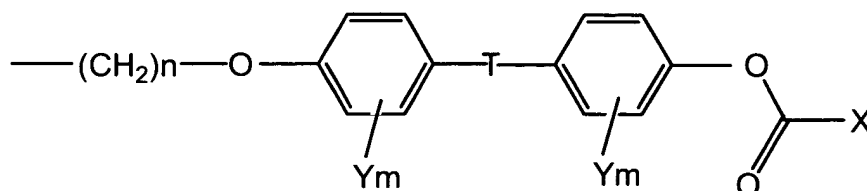
11. (Currently amended) A process for bistable switching of a ferroelectric liquid crystal device, in which a bistable liquid crystal cell ~~as claimed in any one of claims 1 to 8~~, is switched by applying an electric field having a value in the range 2 to 50V per  $\mu\text{m}$  cell thickness, the cell comprising a ferroelectric compound having a smectic C phase, arranged between alignment layers of polyamide or polyester wherein said compound has the general formula



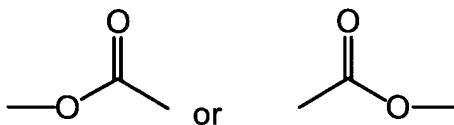
or



wherein R represents an alkyl group having from 1 to 10 carbon atoms or the group

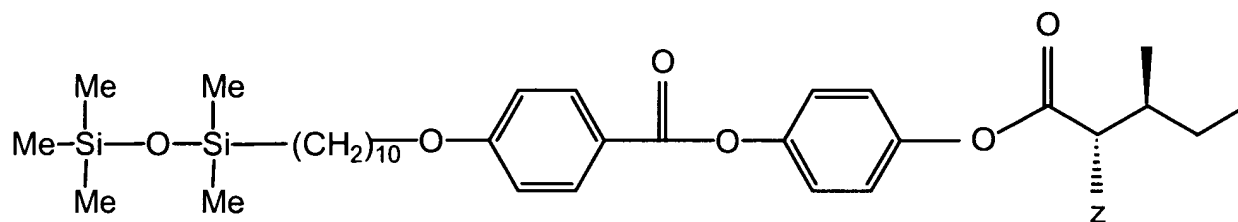


each R' represents an alkyl group having from 1 to 4 carbon atoms, T is



X represents an alkyl or halogen-substituted alkyl group having at least one chiral centre, Y represents a fluorine atom, m has a value of 0, 1 or 2, p has a value of 2, 3 or 4 and n has a value of 10, 11 or 12.

12. (New) A ferroelectric liquid crystal device as claimed in claim 9 wherein the compound is



wherein Z is F or Cl.

13. (New) A cell as claimed in claim 9 wherein the alignment layer is nylon-6,6 or nylon-6.

14. (New) A cell as claimed in claim 9 wherein the alignment layer is an aliphatic aromatic polyester.

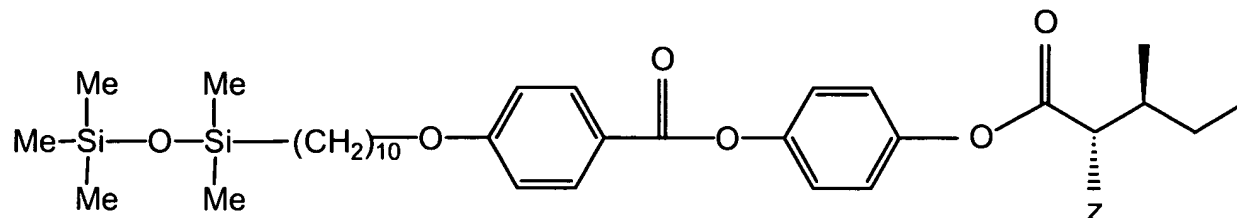
15. (New) A cell as claimed in claim 14 wherein the alignment layer is PET (polyethyleneterephthalate) or PBT (polybutyleneterephthalate).

16. (New) A cell as claimed in claim 9 wherein the siloxane-comprising material is disposed between two substrates, at least one of said substrates supporting a transparent conducting film.

17. (New) A cell as claimed in claim 9 comprising a mesogen selected to provide a tilt angle of around 22.5 degrees.

18. (New) A cell as claimed in claim 9 comprising a mesogen selected to provide a tilt angle of around 45 degrees.

19. (New) A ferroelectric liquid crystal device as claimed in claim 11 wherein the compound is



wherein Z is F or Cl.

20. (New) A cell as claimed in claim 11 wherein the alignment layer is a nylon-6,6 or nylon-6.

21. (New) A cell as claimed in claim 11 wherein the alignment layer is a aliphatic/aromatic polyester.

22. (New) A cell as claimed in claim 21 wherein the alignment layer is PET(polyethyleneterephthalate) or PBT (polybutyleneterephthalate).

23. (New) A cell as claimed in claim 11 wherein the siloxane-comprising material is disposed between two substrates, at least one of said substrates supporting a transparent conducting film.

24. (New) A cell as claimed in claim 11 comprising a mesogen selected to provide a tilt angle of around 22.5 degrees.

25. (New) A cell as claimed in claim 11 comprising a mesogen selected to provide a tilt angle of around 45 degrees.